

To accompany plans dated \_\_\_\_\_



DIST

COUNTY

ROUTE

KILOMETER POST TOTAL PROJECT

SHEET NO.

TOTAL SHEETS

REGISTERED CIVIL ENGINEER

January 24, 2005

PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER

Tillat Sattar

No. C42892

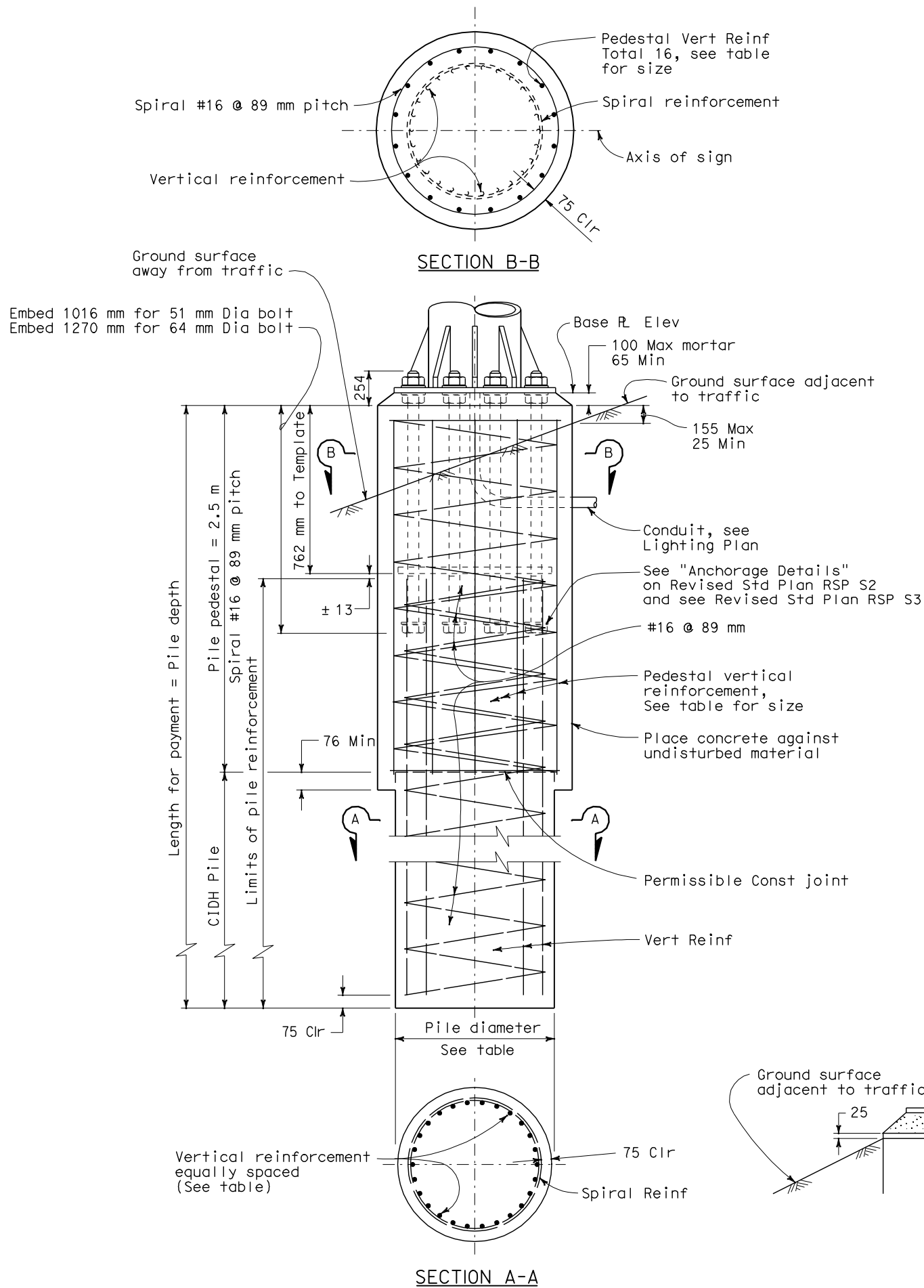
Exp. 03-31-2006

CIVIL

STATE OF CALIFORNIA

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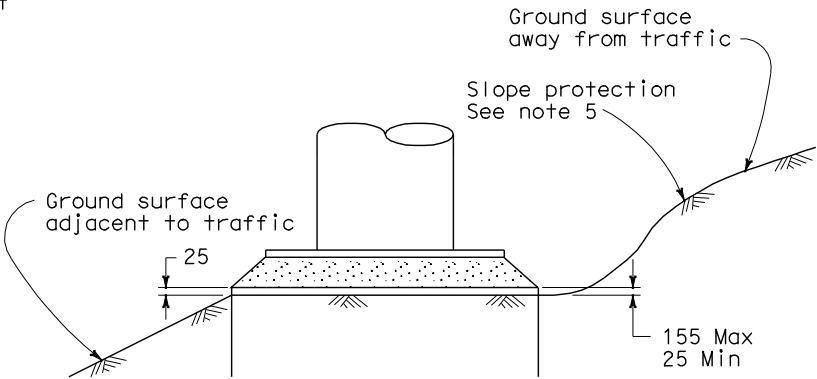


Post Type No.	Anchor Bolts			Round Pedestal						CIDH					
	Bolt Circle (mm)	Bolts Total & Dia (mm)	Total Length (mm)	Dia (mm)	Reinforcing			Spiral		Pile Dia (mm)	* * Pile Depth (m)	Vertical Reinforcing		Spiral	
					Total	Bar Size	Loop Circle (mm)	Bar Size	Pitch (mm)			Total	Bar Size	Bar Circle (mm)	Pitch (mm)
II	610	12-51	1270	1600	16	#32	1435	#16	89	1372	4.5	26	#32	1143	#16 89
III	610	12-51	1270	1600	16	#32	1435	#16	89	1372	4.9	26	#32	1143	#16 89
IV	610	12-51	1270	1600	16	#32	1435	#16	89	1372	5.5	26	#32	1143	#16 89
V	864	14-51	1270	1600	16	#32	1435	#16	89	1372	5.8	26	#32	1143	#16 89
VI	864	16-64	1524	1753	16	#36	1581	#16	89	1524	6.7	28	#36	1295	#16 89
VII	864	16-64	1524	1753	16	#36	1581	#16	89	1524	7.0	28	#36	1295	#16 89
VIII	864	16-64	1524	1753	16	#36	1581	#16	89	1524	7.6	28	#36	1295	#16 89
IX	864	16-64	1524	1753	16	#36	1581	#16	89	1524	7.6	28	#36	1295	#16 89

\* \* Use Foundation Depth shown in table unless otherwise shown on the Project Plans.

NOTES

1. For anchor bolt layout see post sheet.
2. For "Base R elevation" see Project Plans.
3. Prior to erection of the post, backfill which is equivalent to the surrounding material shall be in place.
4. Pedestal shall be formed 150 mm minimum below ground surface Remainder to be placed against undisturbed material.
5. Slope protection required when indicated on the Project Plans.
6. Foundation design is based on 2001 AASHTO article 13.6 Broms' approximate procedure assuming a cohesionless material. The angle of internal friction used is 30 degree and unit weight of soil used is 1922 kg/m³.



DETAIL C

STATE OF CALIFORNIA  
DEPARTMENT OF TRANSPORTATION  
**OVERHEAD SIGNS-TRUSS  
SINGLE POST TYPE  
ROUND PEDESTAL PILE FOUNDATION**

NO SCALE  
ALL DIMENSIONS ARE IN  
MILLIMETERS UNLESS OTHERWISE SHOWN

RSP S8 DATED JANUARY 24, 2005 SUPERSEDES STANDARD PLAN S8  
DATED JULY 1, 2004-PAGE 317 OF THE STANDARD PLANS BOOK DATED JULY 2004.

**REVISED STANDARD PLAN RSP S8**